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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/733,769	12/12/2003	Matthias W. G. Fuertges	213202.00489	8728
27160	7590 01/23/2006		EXAMINER	
KATTEN MUCHIN ROSENMAN LLP			TWEEL JR, JOHN ALEXANDER	
	IONROE STREET IL 60661-3693		ART UNIT	PAPER NUMBER
·			2636	
			DATE MAILED: 01/23/2006	6

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)		
Supplemental	10/733,769	FUERTGES, MATTHIAS W. G.	FUERTGES MATTHIAS W G	
	Examiner	Art Unit		
	John A. Tweel, Jr.	2636		
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) of NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGOT THE Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED or other appropriate commercements. This application is	in this application. If not included nunication will be mailed in due course. THIS		
1. A This communication is responsive to Interview Summary da	ted 1/13/06.			
2. ☑ The allowed claim(s) is/are <u>1-25</u> .				
 Acknowledgment is made of a claim for foreign priority und a)	peen received. Deen received in Applicati	ion No		
Applicant has THREE MONTHS FROM THE "MAILING DATE" o noted below. Failure to timely comply will result in ABANDONME THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the requirements		
 A SUBSTITUTE OATH OR DECLARATION must be submitt INFORMAL PATENT APPLICATION (PTO-152) which gives 				
 CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftsperso 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the fellowing indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the fellowing indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the fellowing indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the fellowing indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the fellowing indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the fellowing indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the fellowing indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the fellowing indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the fellowing indicia such as the application number (see 37 CFR 1.8 each sheet.) 	n's Patent Drawing Revie Amendment / Comment of 4(c)) should be written on the header according to 37 Ct of BIOLOGICAL MAT	or in the Office action of the drawings in the front (not the back) of FR 1.121(d). TERIAL must be submitted. Note the		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6.	nformal Patent Application (PTO-152) Summary (PTO-413), ./Mail Date 1/19/0 & s Amendment/Comment s Statement of Reasons for Allowance		

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Richard Bauer on 1/13/06.

- 2. The application has been amended as follows:
- Page 3: Before the heading "Detailed Description of the Preferred Embodiments" please insert the following:

"BRIEF DESCRIPTION OF THE DRAWINGS

- FIG. 1 illustrates an enlarged cross-sectional schematic view of an example of a first embodiment according to the present invention where each conductor comprises a round, bare electrically conductive material such as wire.
- FIG. 2 illustrates a wiring diagram for the arrangement of FIG. 1.
- FIG. 3 illustrates an enlarged cross-sectional schematic view of an example of an in-line sandwich embodiment according to the present invention.
- FIG. 4 illustrates a wiring diagram for the arrangement of FIG. 1.
- FIG. 5 illustrates an enlarged cross-sectional schematic view of an example of a modification of the in-line sandwich embodiment according to the present invention.

Application/Control Number: 10/733,769

Art Unit: 2636

FIG. 6 illustrates an enlarged cross-sectional schematic view of an example of a bridge sandwich embodiment according to the present invention.

FIG. 7 illustrates an enlarged cross-sectional schematic view of an example of an alternate bridge sandwich embodiment according to the present invention.

FIG. 8 illustrates an enlarged cross-sectional schematic view of an example of a modified bridge sandwich embodiment according to the present invention.

FIG. 9 illustrates a vehicular seat having sensors therein.

FIG. 10 illustrates a sensor according to an embodiment of the present invention.

FIG. 11 illustrates an exploded view of the FIG. 10 sensor.

FIG. 12 illustrates the FIG. 10 sensor affixed to a seat bottom.

FIG. 13 illustrates a schematic perspective view of the electrically conductive fibers and non-electrically conductive fibers according to an embodiment of the present invention.

FIG. 14 illustrates another schematic perspective view of the electrically conductive fibers and non-electrically conductive fibers according to an embodiment of the present invention.

FIG. 15 illustrates an alternate embodiment of the sensor according to the present invention.

FIG. 16 is a schematic cross-sectional view of the resting state of the FIG. 15 sensor.

Application/Control Number: 10/733,769

Art Unit: 2636

FIG. 17 is another schematic cross-sectional view of the weight-applied state of the FIG. 15 sensor.

FIG. 18 illustrates another embodiment of the sensor according to the present invention.

FIG. 19 illustrates yet a further embodiment of the sensor according to the present invention.

FIG. 20 is a schematic circuit diagram of an embodiment of the present invention particularly well suited for use in a backrest.

FIG. 21 is a schematic circuit diagram of an embodiment of the present invention particularly well suited for use in a seat bottom.

FIG. 22 is a schematic circuit diagram of another useful embodiment of the present invention.

FIG. 23 is a schematic circuit diagram of a further useful embodiment of the present invention."

- Claims 1-25 are allowed.
- 4. The following is an examiner's statement of reasons for allowance:

Using electrodes on seats is not new in the prior art. The passenger detector taught by **Serban et al** [U.S. 6,737,953] uses an electrode deposited on a woven fabric. However, there is no prior art that teaches a first and second conductor disposed

Application/Control Number: 10/733,769

Art Unit: 2636

transversely to define a first junction, with a first and second conductance produced in the absence and presence of applied weight.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

- 5. The replacement drawings were received on 11/17/05. These drawings are acceptable.
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John A. Tweel, Jr. whose telephone number is 571 272 2969. The examiner can normally be reached on M-F 10-6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeff Hofsass can be reached on 571 272 2981. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/733,769 Page 6

Art Unit: 2636

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JAT 1/19/06

JOHNTWEEL
PRIMARY EXAMINER